



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report Nos.: 50-280/84-13 and 50-281/84-13

Licensee: Virginia Electric and Power Company
Richmond, VA 23261

Docket Nos.: 50-280 and 50-281

License Nos.: DPR-32 and DPR-37

Facility Name: Surry 1 and 2

Inspection at Surry site near Williamsburg, Virginia

Inspectors: H. L. Whitener 4/23/84
H. L. Whitener Date Signed

Accompanying Personnel: G. Schnebli

Approved by: Frank Jape 4/24/84
F. Jape, Section Chief Date Signed
Engineering Branch
Division of Reactor Safety

SUMMARY

Inspection on April 2-6, 1984

Areas Inspected

This routine, unannounced inspection involved 40 inspector-hours on site in the area of snubber program review.

Results

In the area inspected, no violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *W. L. Stewart, Vice President, Nuclear Operations
- *J. L. Wilson, Station Manager
- *R. F. Saunders, Assistant Station Manager
- *M. R. Kansler, Superintendent, Technical Services
- *R. F. Driscoll, QA Manager
- R. H. Blount, Performance Engineer

NRC Resident Inspectors

- *D. J. Burke
- *M. J. Davis

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on April 6, 1984, with those persons indicated in paragraph 1 above. The inspector advised the licensee that the document review in conjunction with the rebuild and replacement program for Unit 2 snubbers appears to meet the commitments made to the NRC in a conference call on March 28, 1984. Also, the inspector stated that it was his understanding that similar programs for Unit 1 are to be conducted following completion and restart of Unit 2. The licensee acknowledged the findings.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Snubber Service Life

The inspectors reviewed the actions taken by the licensee to meet the commitments made to the NRC during a conference call with Region II on March 28, 1984, and confirmed in a letter dated March 30, 1984, from W. L. Stewart to the Regional Administrator. These commitments included verification that (1) the seal material in both Unit 1 and Unit 2 snubbers is ethylene - propylene material and (2) the service life for both Unit 1 and

Unit 2 snubbers is adequate for the next operating cycle. To meet these commitments on Unit 2 during the current outage the licensee devised a program to assemble and review all available snubber records. Documents reviewed in this record search included the following:

- a. Purchase orders and stock numbers
- b. Maintenance work orders
- c. Maintenance rebuilding procedures
- d. Serial numbers of valve blocks and cylinders

From a review of this documentation the licensee was able to (1) determine that a snubber was purchased with ethylene-propylene (EP) seal material or has been rebuilt with EP seal material and (2) establish the date EP seals in each snubber were placed into service. Where the records are incomplete or indicate non-EP seal material the snubber has been rebuilt with EP seal material or replaced with a new snubber containing EP seals. The snubber service life monitoring program for Unit 2 will be established using the baseline data generated in this review. A similar program will be performed on Unit 1 subsequent to completion of the Unit 2 program.

From a review of the assembled data packages for 20 snubbers, the inspectors concluded that the program developed and implemented by the licensee will ensure that the snubbers contain the proper seal material and will establish baseline data for the service life monitoring. The snubber data packages reviewed by the inspectors are listed below:

2-SHP-1A	2-WFPD-3
2-SHP-8	2-RC-116
2-SHP-13A	2-SHP-2A
2-RC-101	2-WFPD-5
2-RH-12	2-RS-101
2-RC-137	2-RC-142
2-WFPD-4	2-RH-30
2-SNP-6B	2-RH-1
2-RC-107	2-CS-01-A
2-WGCB-5	2-RC-114

Within the area inspected no violations or deviations were identified.